

APPLICATION NOTE

PRODUCTS SUPPORTED:

CONVERGE® Pro models: 880, 880T, 880TA, 840T,
TH20, VH20, SR1212, SR1212A,
INTERACT® Pro and StreamNet™ SLX300, SLX300i

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CONNECTING THE CONVERGE PRO OR INTERACT PRO
TO THE STREAMNET™ SLX300 IN STANDALONE MODE

OVERVIEW

This document discusses how to connect the CONVERGE Pro or INTERACT Pro to the SLX300 or SLX300i audio amplifier in standalone operation.

CONVERGE Pro Systems		INTERACT System
880	TH20	INTERACT Pro
880T	VH20	
880TA	SR1212	
840T	SR1212A	

The CONVERGE Pro and INTERACT Pro audio conferencing systems have balanced audio output connections. These outputs are used to pass analog audio from the CONVERGE Pro or INTERACT Pro to other devices such as video conferencing units, audio recorders, audio amplifiers, etc. The SLX300 and SLX300i are audio amplifiers designed to work ClearOne StreamNet devices. They also have balanced audio inputs to pass audio from a local source. The CONVERGE Pro and INTERACT Pro outputs can be used as local sources.

Note: All references to the SLX300 are inclusive of both the SLX300 and SLX300i.

To use the CONVERGE Pro or INTERACT Pro with the SLX300 the following setup steps are required.

- Configure the SLX300 for standalone operation
- Make the cable that connects the CONVERGE Pro or INTERACT Pro to the SLX300
- Level adjustment controlled by the CONVERGE Pro or INTERACT Pro

SLX300 Standalone operation

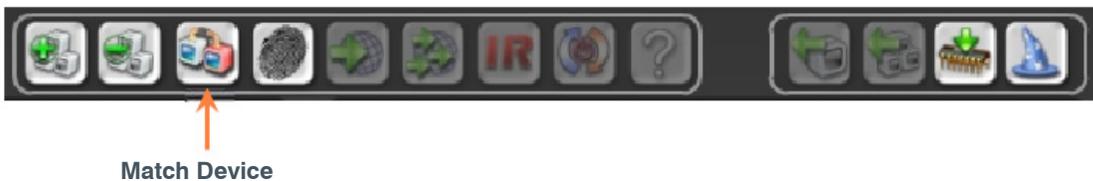
The setup of the SLX300 in standalone operation requires:

- The SLX300
- A PC running the latest version of StreamNet Dealer Setup software
- An Ethernet cable to connect the PC and the SLX300
- The Anthology.lua driver (included in the zip file with this document)
- SLX300_Standalone.nsp project file for StreamNet Dealer Setup (included in the zip file with this document)

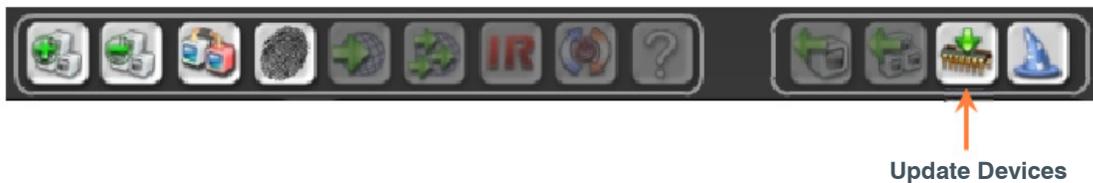
SLX300 Setup Procedure

By default, the SLX300 will not pass audio until a source is selected and turned active. This procedure will make the SLX300 automatically select the balanced audio input source, the CONVERGE/INTERACT Pro audio, and turn active, thus automatically passing audio on boot up.

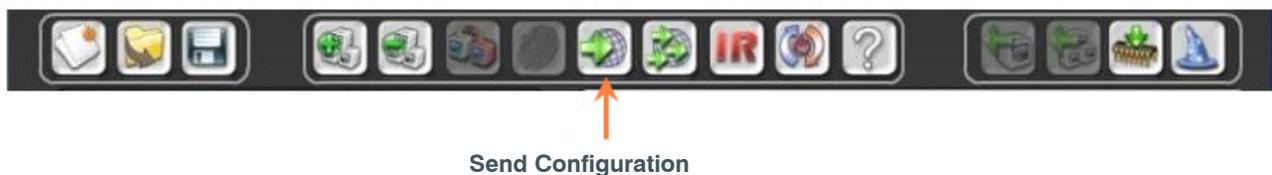
1. Replace the "Anthology.lua" in the **C:\Program Files (x86)\ClearOne\StreamNet Application Suite\upgrades\09_05_2012\Drivers** folder with the "Anthology.lua" which came zipped with this document.
2. Copy the "initsource.txt" file, which came zipped with this document, to **C:\Program Files (x86)\ClearOne\StreamNet Application Suite**
3. Copy the "SLX300_Standalone.nsp" project file, which came zipped with this document, to **C:\Program Files (x86)\ClearOne\StreamNet Application Suite**
4. Connect an Ethernet CAT5 cable between the PC and the SLX300.
5. Open the "SLX300_Standalone.nsp" project file with the StreamNet Dealer Setup program.
6. Highlight the SLX300 in the left-hand column of StreamNet Dealer Setup, and then click on the **Match Device** icon at the top of the screen. Select the SLX300 that needs to be configured for this project and click **OK**.



7. After matching the device, click on the **Update Devices** icon to update the SLX300 to the most recent firmware version. Highlight the SLX300 in the **Device** column, and then click on the **Update Devices** button on the bottom right-hand corner of the StreamNet Dealer Setup program.



8. After the device has completed updating, you must close the **Update Devices** window and send a configuration file to the SLX300. Highlight the SLX300 in the left-hand column of StreamNet Dealer Setup, and then click on the **Send Configuration** icon at the top of the screen.



9. After the device has accepted the config file and rebooted, it will reappear in the left-hand column with a green status check mark on the SLX300 icon. Highlight the SLX300 in the left-hand column of StreamNet Dealer Setup, then click on the **Tools** menu at the top of the screen and select **Load Files**. Click on the **Select Directory** button in the right-hand column and browse back to: **C:\Program Files (x86)\ClearOne\StreamNet Application Suite** and click the **OK** button at the bottom of the **Browse** menu. Select the "initsource.txt" file and click on the **Download Files** button.

Wiring

An audio cable to connect the CONVERGE Pro or INTERACT Pro output to the SLX300 will need to be created. The mini phoenix-type connectors are provided with the CONVERGE Pro, INTERACT Pro, and SLX300 devices. The wiring is as show in Figure 1.

Pin 1 - Ground	Pin 1 - Ground
Pin 2 - Positive	Pin 2 - Negative
Pin 3 - Negative	Pin 3 - Ground

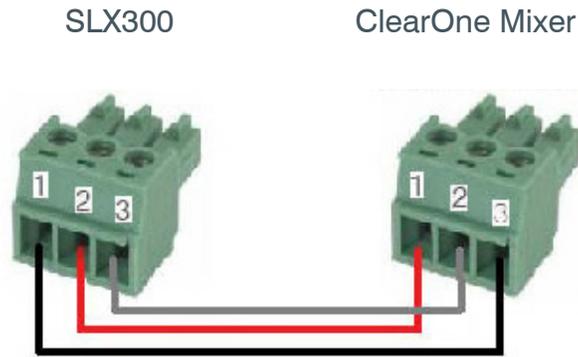


Figure 1

The audio volume is adjusted by changing the gain level on the output of the CONVERGE Pro or INTERACT Pro. For more information on adjusting the gain level of the CONVERGE Pro or INTERACT Pro refer to the product manual available from the ClearOne web site: www.clearone.com.

For further assistance, contact ClearOne Technical Support at 1-800-283-5936 or email tech.support@clearone.com.

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